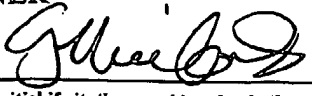


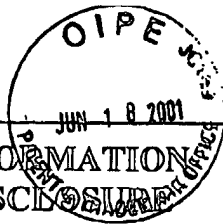
INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 265.0023 0101	Serial No.: 09/641,801
	Applicant(s): Stanton et al.	Confirmation No.: 5388
	Filing Date: August 17, 2000	Group: 1653 1647

U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
CSU	—	4,938,949	07/03/90	Borch et al.			
CSU		5,595,887	01/21/97	Coolidge et al.			

FOREIGN PATENT DOCUMENTS								
CSU	—	Document Number	Date	Country	Class	Subclass	Translation	
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CSU	—	WO 98/14473	04/09/98	PCT				
CSU	—	WO 99/65329 ✓	12/23/99	PCT				
CSU	—	WO 00/75173	12/14/00	PCT				
CSU	—	WO 01/11937 ✓	02/22/01	PCT				
CSU	—	WO 01/12650 ✓	02/22/01	PCT				
CSU	—	WO 01/12651 ✓	02/22/01	PCT				
CSU								

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)							
CSU	—	Babbit, ed., <i>The Vanderbilt Rubber Handbook</i> , R.T. Vanderbilt Company, Inc., Norwalk, CT, pp. 344-397 (1978).					
↓	—	Bespalov et al., "Fabs specific for 8-oxoguanine: control of DNA binding," <i>J Mol Biol.</i> 1999 Nov 12;293(5):1085-95.					
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↓	—	"BLAST," National Institutes of Health [online] Bethesda, M.D. Retrieved from the Internet on May 14, 2001: <URL: http://www.ncbi.nlm.nih.gov/gorf/bl2.html >, 1pg. CONSIDERED; DO NOT PRINT					
CSU	—	Buescher et al., "Colostrin antioxidants: separation and characterization of two activities in human colostrum," <i>J Pediatr Gastroenterol Nutr</i> 1. 1992 Jan; 14(1):47-56.					
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CSO	—	Chao "Growth factor signaling: where is the specificity?" <i>Cell</i> . 1992 Mar 20;68(6):995-7.
	—	Esterbauer et al., "Chemistry and biochemistry of 4-hydroxynonenal, malonaldehyde and related aldehydes," <i>Free Radic Biol Med</i> . 1991;11(1):81-128.
	—	Fields et al., <i>Synthetic Peptides: A User's Guide</i> , W.M. Freeman & Company, New York, NY, pp. 77-183 (1992).
	—	Fillmore et al., "Differentiation of PC12 cells with nerve growth factor is associated with induction of transin synthesis and release," <i>J Neurosci Res</i> . 1992 Apr;31(4):662-9.
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	—	Gabbita et al., "Decrease in peptide methionine sulfoxide reductase in Alzheimer's disease brain," <i>J Neurochem</i> . 1999 Oct;73(4):1660-6.
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	—	Gratama et al., "Flow cytometric quantitation of immunofluorescence intensity: problems and perspectives. European Working Group on Clinical Cell Analysis," <i>Cytometry</i> . 1998 Oct 1;33(2):166-78.
	—	Grunwald et al., "In situ analysis of chromatin proteins during development and cell differentiation using flow cytometry," <i>Methods Mol Biol</i> . 1999;119:443-54.
	—	Hensley et al., "Brain regional correspondence between Alzheimer's disease histopathology and biomarkers of protein oxidation," <i>J Neurochem</i> . 1995 Nov; 65(5):2146-56.
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CSO	—	Inglot et al., "Colostrinin for treatment of Alzheimer's disease," <i>European Cytokine Network</i> . 1996 Sept;7(3):458(abstr 51).

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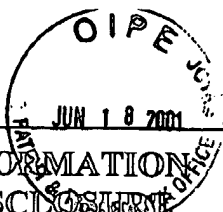
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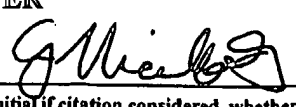
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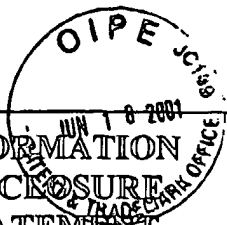
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CD	—	Inglot et al., "Tumor-associated antigens are cytokine inducers and hyporeactivity factors to the immune system," <i>Biotherapy</i> . 1998;11(1):27-37.
↓	—	Janusz et al., "Isolation and characterization of a proline-rich polypeptide from ovine colostrum," <i>FEBS Lett</i> . 1974 Dec 15;49(2):276-9.
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↓	—	Kim et al., "Simultaneous differentiation and quantitation of erythroblasts and white blood cells on a high throughput clinical haematology analyser," <i>Clin Lab Haematol</i> . 1998 Feb;20(1):21-9.
↓	—	Kooy et al., "Oxidation of 2',7'-dichlorofluorescein by peroxynitrite," <i>Free Radic Res</i> . 1997 Sep;27(3):245-54.
↓	—	LeBel et al., "Evaluation of the probe 2',7'-dichlorofluorescein as an indicator of reactive oxygen species formation and oxidative stress," <i>Chem Res Toxicol</i> . 1992 Mar-Apr;5(2):227-31.
CD	—	Leszek et al., "Colostrinin: a proline-rich polypeptide (PRP) complex isolated from ovine colostrum for treatment of Alzheimer's disease. A double-blind, placebo-controlled study," <i>Arch Immunol Ther Exp (Warsz)</i> . 1999;47(6):377-85.
↓	—	Levi et al., "The mode of action of nerve growth factor in PC12 cells," <i>Mol Neurobiol</i> . 1988 Fall;2(3):201-26.
↓	—	Lovell et al., "Elevated thiobarbituric acid-reactive substances and antioxidant enzyme activity in the brain in Alzheimer's disease," <i>Neurology</i> . 1995 Aug; 45(8):1594-601.
↓	—	Lovell et al., "Elevated 4-hydroxynonenal in ventricular fluid in Alzheimer's disease," <i>Neurobiol Aging</i> . 1997 Sep-Oct;18(5):457-61.
↓	—	Lovell et al., "Decreased glutathione transferase activity in brain and ventricular fluid in Alzheimer's disease," <i>Neurology</i> . 1998 Dec;51(6):1562-6.
CD	—	Lovell et al., "Increased DNA oxidation and decreased levels of repair products in Alzheimer's disease ventricular CSF," <i>J Neurochem</i> . 1999 Feb;72(2):771-6.

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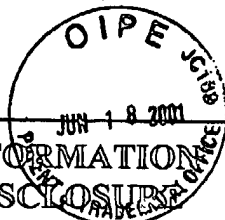
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	Applicant(s): Stanton et al.	Confirmation No.: 5388
	Filing Date: August 17, 2000	Group: 1653 1647

CS	—	Lovell et al., "Decreased base excision repair and increased helicase activity in Alzheimer's disease brain," <i>Brain Res.</i> 2000 Feb 7;855(1):116-23.	TECH CENTER 1600/2900
	—	Markesbery, "Oxidative stress hypothesis in Alzheimer's disease," <i>Free Radic Biol Med.</i> 1997;23(1):134-47.	
	—	Markesbery et al., "Four-hydroxynonenal, a product of lipid peroxidation, is increased in the brain in Alzheimer's disease," <i>Neurobiol Aging.</i> 1998 Jan-Feb;19(1):33-6.	
	—	Markesbery et al. "Oxidative alterations in Alzheimer's disease," <i>Brain Pathol.</i> 1999 Jan;9(1):133-46.	
	—	Marshall et al., "Specificity of receptor tyrosine kinase signaling: transient versus sustained extracellular signal-regulated kinase activation," <i>Cell.</i> 1995 Jan 27;80(2):179-85.	
	—	McHeyzer-Williams et al., "Enumeration and characterization of memory cells in the TH compartment," <i>Immunol Rev.</i> 1996 Apr;150:5-21.	
	—	Mecocci et al., "Oxidative damage to mitochondrial DNA is increased in Alzheimer's disease," <i>Ann Neurol.</i> 1994 Nov;36(5):747-51.	
	—	Mishell et al., <i>Selected Methods in Cellular Immunology</i> , W.H. Freeman, San Francisco, CA; title page and table of contents only, 9 pages (1980).	
	—	Montine et al., "Cerebrospinal fluid F2-isoprostane levels are increased in Alzheimer's disease," <i>Ann Neurol.</i> 1998 Sep;44(3):410-3.	
	—	Ostrea et al., "Influence of breast-feeding on the restoration of the low serum concentration of vitamin E and beta-carotene in the newborn infant," <i>Am J Obstet Gynecol.</i> 1986 May;154(5):1014-7.	
✓	—	Peunova et al., "Nitric oxide triggers a switch to growth arrest during differentiation of neuronal cells," <i>Nature.</i> 1995 May 4;375(6526):68-73.	
CS	—	Piasecki et al., "Coincidence between spontaneous release of interferon and tumor necrosis factor by colostral leukocytes and the production of a colostrinine by human mammary gland after normal delivery," <i>Arch Immunol Ther Exp (Warsz).</i> 1997;45(1):109-17.	

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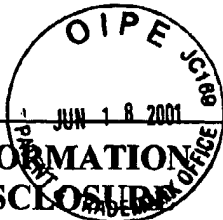
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	Applicant(s): Stanton et al.	Confirmation No.: 5388
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CS	<input checked="" type="checkbox"/>	Popik et al., "Colostrin, a polypeptide isolated from early milk, facilitates learning and memory in rats," <i>Pharmacol Biochem Behav.</i> 1999 Sep;64(1):183-9.	TECH CENTER 1600/2900
	<input checked="" type="checkbox"/>	Prasad et al., "Regional membrane phospholipid alterations in Alzheimer's disease," <i>Neurochem Res.</i> 1998 Jan;23(1):81-8.	
	<input checked="" type="checkbox"/>	Roberts II et al., "Formation of isoprostane-like compounds (neuroprostanes) in vivo from docosahexaenoic acid," <i>J Biol Chem.</i> 1998 May 29;273(22):13605-12.	
	<input checked="" type="checkbox"/>	Rothe et al., "Flow cytometric analysis of respiratory burst activity in phagocytes with hydroethidine and 2',7'-dichlorofluorescein," <i>J Leukoc Biol.</i> 1990 May; 47(5):440-8.	
	<input checked="" type="checkbox"/>	Royall et al., "Evaluation of 2',7'-dichlorofluorescein and dihydrorhodamine 123 as fluorescent probes for intracellular H ₂ O ₂ in cultured endothelial cells," <i>Arch Biochem Biophys.</i> 1993 May;302(2):348-55.	
	<input checked="" type="checkbox"/>	Subbarao et al., "Autopsy samples of Alzheimer's cortex show increased peroxidation <i>in vitro</i> ," <i>J Neurochem.</i> 1990 Jul;55(1):342-5.	
	<input checked="" type="checkbox"/>	Shacter et al., "Differential susceptibility of plasma proteins to oxidative modification: examination by western blot immunoassay," <i>Free Radic Biol Med.</i> 1994 Nov;17(5):429-37.	
	<input checked="" type="checkbox"/>	Singh et al., "Dietary intake, plasma levels of antioxidant vitamins, and oxidative stress in relation to coronary artery disease in elderly subjects," <i>Am J Cardiol.</i> 1995 Dec 15;76(17):1233-8.	
	<input checked="" type="checkbox"/>	Smith et al., "Advanced Maillard reaction end products are associated with Alzheimer disease pathology," <i>Proc Natl Acad Sci U S A.</i> 1994 Jun 7; 91(12):5710-4.	
	<input checked="" type="checkbox"/>	Smith et al., "Oxidative damage in Alzheimer's," <i>Nature.</i> 1996 Jul 11; 382(6587):120-1.	
CS	<input checked="" type="checkbox"/>	Smith et al., "Excess brain protein oxidation and enzyme dysfunction in normal aging and in Alzheimer disease," <i>Proc Natl Acad Sci U S A.</i> 1991 Dec 1; 88(23):10540-3.	

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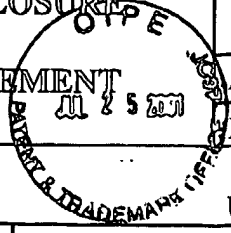
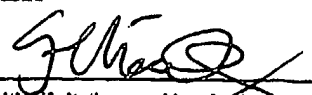
EXAMINER 8/19/02 <i>G. Min</i>	Date Considered 8/19/02
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INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 265.0023 0101	Serial No.: 09/641,801
	Applicant(s): Stanton et al.	Confirmation No.: 5388
	Filing Date: August 17, 2000	Group: 4653 1647

CSN	—	Svennerholm et al., "Membrane lipids, selectively diminished in Alzheimer brains, suggest synapse loss as a primary event in early-onset form (type I) and demyelination in late-onset form (type II), <i>J Neurochem.</i> 1994 Mar; 62(3):1039-47.	TECH CENTER 1600/2900
	—	Takahashi et al., "Spontaneous transformation and immortalization of human endothelial cells," <i>In Vitro Cell Dev Biol.</i> 1990 Mar; 26(3 Pt 1):265-74.	
	—	Tsuchiya et al., "In vivo visualization of oxygen radical-dependent photoemission," <i>Methods Enzymol (Oxygen Radicals in Biological Systems)</i> . 1994; 233C:128-40.	
	—	Villas et al., "Flow cytometry: an overview," <i>Cell Vis.</i> 1998 Jan-Feb; 5(1):56-61	
↓	—	Yan et al., "Glycated tau protein in Alzheimer disease: a mechanism for induction of oxidant stress," <i>Proc Natl Acad Sci U S A.</i> 1994 Aug 2; 91(16):7787-91.	
CSN	—	Zimecki et al., "Effect of a proline-rich polypeptide (PRP) on the development of hemolytic anemia and survival of New Zealand black (NZB) mice," <i>Arch Immunol Ther Exp (Warsz)</i> . 1991; 39(5-6):461-7.	

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INFORMATION DISCLOSURE STATEMENT 		Atty. Docket No.: 265.0023 0101	Serial No.: 09/641,801
			Confirmation No.: Unknown
		Applicant(s): Stanton et al.	
		Filing Date: August 17, 2000	Group: 1645 1647
U.S. PATENT DOCUMENTS			
Examiner Initial	Document Number	Date	Name
	NONE		
FOREIGN PATENT DOCUMENTS			
	Document Number	Date	Country
CSN	JP 06 041191 A	02/15/94	Japan (English language abstract included)
CSN	WO 95/30686	11/16/95	PCT
OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)			
	NONE		
EXAMINER		Date Considered	
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**INFORMATION
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STATEMENT**

Atty. Docket No.: 265.00230101

Serial No.: 09/641,801

Applicant(s): Stanton et al.

Confirmation No.: 5388

Application Filing Date: August 17, 2000

Group: 1647

Information Disclosure Statement mailed:

December 4, 2002

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	None					

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	None						

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copies Enclosed	Document Description
CSW	X	Kimball, John W., "White Blood Cells (leukocytes)," <i>Kimball's Biology Papers</i> [online]. [retrieved on 2002 December 2]. Retrieved from the internet: http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/B/Blood.html ; 2 pgs. ✓
I	X	Leszek et al., "Colostrinin® proline-rich polypeptide complex from ovine colostrum - a long-term study of its efficacy in Alzheimer's Disease," (2002) <i>Med Sci Monit</i> ; 8(10): P193-96. ✓
↓	X	Rao, "Multipotent and Restricted Precursors in the Central Nervous System," (1999) <i>The Anatomical Record (New Anat.)</i> ; 257:137-148. ✓
↓	X	Schwab, "Repairing the Injured Spinal Cord," (2002) <i>Science</i> ; 295:1029-1031. ✓
CSW		

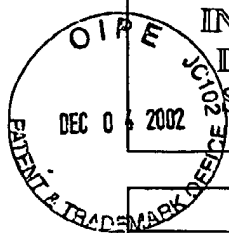
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Exhibit A

OMB No. 0651-0011

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CSW	4,938,949	07/03/90	Borch et al.			
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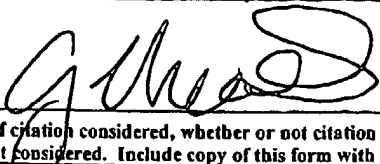
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	WO 00/75173	12/14/00	PCT				
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CSW	Babbit, ed., <i>The Vanderbilt Rubber Handbook</i> , R.T. Vanderbilt Company, Inc., Norwalk, CT, pp. 344-397 (1978).
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Chao "Growth factor signaling: where is the specificity?" *Cell*. 1992 Mar 20;68(6):995-7.

Esterbauer et al., "Chemistry and biochemistry of 4-hydroxynonenal, malonaldehyde and related aldehydes," *Free Radic Biol Med*. 1991;11(1):81-128.

Fields et al., *Synthetic Peptides: A User's Guide*, W.M. Freeman & Company, New York, NY, pp. 77-183 (1992).

Fillmore et al., "Differentiation of PC12 cells with nerve growth factor is associated with induction of transin synthesis and release," *J Neurosci Res*. 1992 Apr;31(4):662-9.

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Gabbita et al., "Decrease in peptide methionine sulfoxide reductase in Alzheimer's disease brain," *J Neurochem*. 1999 Oct;73(4):1660-6.

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Janusz et al., "Chemical and physical characterization of a proline-rich polypeptide from sheep colostrum," *Biochem J*. 1981 Oct 1;199(1):9-15.

Janusz et al., "Proline-rich polypeptide (PRP) - an immunomodulatory peptide from ovine colostrum," *Arch Immunol Ther Exp (Warsz)*. 1993;41(5-6):275-9.

Kim et al., "Simultaneous differentiation and quantitation of erythroblasts and white blood cells on a high throughput clinical haematology analyser," *Clin Lab Haematol*. 1998 Feb;20(1):21-9.

Kooy et al., "Oxidation of 2',7'-dichlorofluorescein by peroxynitrite," *Free Radic Res*. 1997 Sep;27(3):245-54.

LeBel et al., "Evaluation of the probe 2',7'-dichlorofluorescein as an indicator of reactive oxygen species formation and oxidative stress," *Chem Res Toxicol*. 1992 Mar-Apr;5(2):227-31.

Leszek et al., "Colostrinin: a proline-rich polypeptide (PRP) complex isolated from ovine colostrum for treatment of Alzheimer's disease. A double-blind, placebo-controlled study," *Arch Immunol Ther Exp (Warsz)*. 1999;47(6):377-85.

Levi et al., "The mode of action of nerve growth factor in PC12 cells," *Mol Neurobiol*. 1988 Fall;2(3):201-26.

Lovell et al., "Elevated thiobarbituric acid-reactive substances and antioxidant enzyme activity in the brain in Alzheimer's disease," *Neurology*. 1995 Aug; 45(8):1594-601.

Lovell et al., "Elevated 4-hydroxynonenal in ventricular fluid in Alzheimer's disease," *Neurobiol Aging*. 1997 Sep-Oct;18(5):457-61.

Lovell et al., "Decreased glutathione transferase activity in brain and ventricular fluid in Alzheimer's disease," *Neurology*. 1998 Dec;51(6):1562-6.

Lovell et al., "Increased DNA oxidation and decreased levels of repair products in Alzheimer's disease ventricular CSF," *J Neurochem*. 1999 Feb;72(2):771-6.

EXAMINER

Date Considered

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**INFORMATION
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Atty. Docket No.: 265.0023 0101

Serial No.: 09/641,801

Applicant(s): Stanton et al.

Confirmation N .: 5388

Filing Date: August 17, 2000

Group: +653 1647

LOVELL		Lovell et al., "Decreased base excision repair and increased helicase activity in Alzheimer's disease brain," <i>Brain Res.</i> 2000 Feb 7;855(1):116-23.
MARKESBERRY		Markesberry, "Oxidative stress hypothesis in Alzheimer's disease," <i>Free Radic Biol Med.</i> 1997;23(1):134-47.
MARKESBERRY ET AL.		Markesberry et al., "Four-hydroxynonenal, a product of lipid peroxidation, is increased in the brain in Alzheimer's disease," <i>Neurobiol Aging.</i> 1998 Jan-Feb;19(1):33-6.
MARKESBERRY ET AL.		Markesberry et al. "Oxidative alterations in Alzheimer's disease," <i>Brain Pathol.</i> 1999 Jan;9(1):133-46.
MARSHALL ET AL.		Marshall et al., "Specificity of receptor tyrosine kinase signaling: transient versus sustained extracellular signal-regulated kinase activation," <i>Cell.</i> 1995 Jan 27;80(2):179-85.
MCHEYZER-WILLIAMS ET AL.		McHeyzer-Williams et al., "Enumeration and characterization of memory cells in the TH compartment," <i>Immunol Rev.</i> 1996 Apr;150:5-21.
MECOCCHI ET AL.		Mecocci et al., "Oxidative damage to mitochondrial DNA is increased in Alzheimer's disease," <i>Ann Neurol.</i> 1994 Nov;36(5):747-51.
MISHELL ET AL.		Mishell et al., <i>Selected Methods in Cellular Immunology</i> , W.H. Freeman, San Francisco, CA; title page and table of contents only, 9 pages (1980).
MONTINE ET AL.		Montine et al., "Cerebrospinal fluid F2-isoprostane levels are increased in Alzheimer's disease," <i>Ann Neurol.</i> 1998 Sep;44(3):410-3.
OSTREA ET AL.		Ostrea et al., "Influence of breast-feeding on the restoration of the low serum concentration of vitamin E and beta-carotene in the newborn infant," <i>Am J Obstet Gynecol.</i> 1986 May;154(5):1014-7.
PEUNOVA ET AL.		Peunova et al., "Nitric oxide triggers a switch to growth arrest during differentiation of neuronal cells," <i>Nature.</i> 1995 May 4;375(6526):68-73.
PIASECKI ET AL.		Piasecki et al., "Coincidence between spontaneous release of interferon and tumor necrosis factor by colostral leukocytes and the production of a colostrinine by human mammary gland after normal delivery," <i>Arch Immunol Ther Exp (Warsz).</i> 1997;45(1):109-17.

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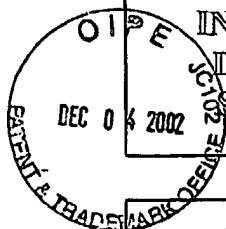
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	Applicant(s): Stanton et al.	Confirmation No.: 5388
	Filing Date: August 17, 2000	Group: 4653 1647

50		Popik et al., "Colostrinin, a polypeptide isolated from early milk, facilitates learning and memory in rats," <i>Pharmacol Biochem Behav.</i> 1999 Sep;64(1):183-9.
		Prasad et al., "Regional membrane phospholipid alterations in Alzheimer's disease," <i>Neurochem Res.</i> 1998 Jan;23(1):81-8.
		Roberts II et al., "Formation of isoprostane-like compounds (neuroprostanes) in vivo from docosahexaenoic acid," <i>J Biol Chem.</i> 1998 May 29;273(22):13605-12.
		Rothe et al., "Flow cytometric analysis of respiratory burst activity in phagocytes with hydroethidine and 2',7'-dichlorofluorescein," <i>J Leukoc Biol.</i> 1990 May; 47(5):440-8.
		Royall et al., "Evaluation of 2',7'-dichlorofluorescein and dihydrorhodamine 123 as fluorescent probes for intracellular H ₂ O ₂ in cultured endothelial cells," <i>Arch Biochem Biophys.</i> 1993 May;302(2):348-55.
		Subbarao et al., "Autopsy samples of Alzheimer's cortex show increased peroxidation <i>in vitro</i> ," <i>J Neurochem.</i> 1990 Jul;55(1):342-5.
		Shacter et al., "Differential susceptibility of plasma proteins to oxidative modification: examination by western blot immunoassay," <i>Free Radic Biol Med</i> 1994 Nov;17(5):429-37.
		Singh et al., "Dietary intake, plasma levels of antioxidant vitamins, and oxidative stress in relation to coronary artery disease in elderly subjects," <i>Am J Cardiol.</i> 1995 Dec 15;76(17):1233-8.
		Smith et al., "Advanced Maillard reaction end products are associated with Alzheimer disease pathology," <i>Proc Natl Acad Sci U S A.</i> 1994 Jun 7; 91(12):5710-4.
		Smith et al., "Oxidative damage in Alzheimer's," <i>Nature.</i> 1996 Jul 11; 382(6587):120-1.
CSO		Smith et al., "Excess brain protein oxidation and enzyme dysfunction in normal aging and in Alzheimer disease," <i>Proc Natl Acad Sci U S A.</i> 1991 Dec 1; 88(23):10540-3.

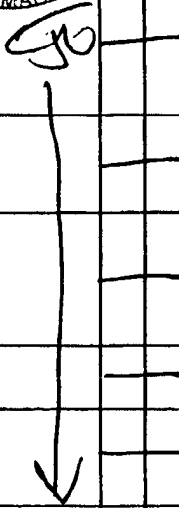
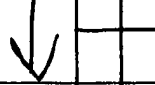
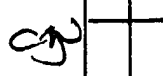
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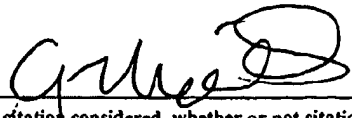
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	Applicant(s): Stanton et al.	Confirmation No.: 5388
	Filing Date: August 17, 2000	Group: 1653 1647

	Svennerholm et al., "Membrane lipids, selectively diminished in Alzheimer brains, suggest synapse loss as a primary event in early-onset form (type I) and demyelination in late-onset form (type II), <i>J Neurochem.</i> 1994 Mar; 62(3):1039-47.
	Takahashi et al., "Spontaneous transformation and immortalization of human endothelial cells," <i>In Vitro Cell Dev Biol.</i> 1990 Mar; 26(3 Pt 1):265-74.
	Tsuchiya et al., "In vivo visualization of oxygen radical-dependent photoemission," <i>Methods Enzymol (Oxygen Radicals in Biological Systems)</i> . 1994; 233C:128-40.
	Villas et al., "Flow cytometry: an overview," <i>Cell Vis.</i> 1998 Jan-Feb; 5(1):56-61
	Yan et al., "Glycated tau protein in Alzheimer disease: a mechanism for induction of oxidant stress," <i>Proc Natl Acad Sci U S A.</i> 1994 Aug 2; 91(16):7787-91.
	Zimecki et al., "Effect of a proline-rich polypeptide (PRP) on the development of hemolytic anemia and survival of New Zealand black (NZB) mice," <i>Arch Immunol Ther Exp (Warsz)</i> . 1991; 39(5-6):461-7.

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**INFORMATION
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Atty. Docket No.: 265.00230101

Serial No.: 09/641,801

Applicant(s): Stanton et al.

Confirmation No.: 5388

Application Filing Date: August 17, 2000

Group: 1647

Information Disclosure Statement mailed: January 6, 2003**U.S. PATENT DOCUMENTS**

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		None					

FOREIGN PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Country	Class	Subclass	Translation	
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		None						

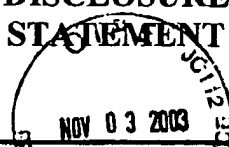
OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copy Enclosed	Document Description
CJN	X	Cosgaya et al., "Neuronal differentiation of PC12 cells induced by engrailed homeodomain is DNA-binding specific and independent of MAP kinases," <i>Journal of Cell Science</i> , 1998;111: 2377-2384.
CJN	X	Vaudry et al., "Signaling Pathways for PC12 Cell Differentiation: Making the Right Connections," <i>Science</i> , 31 May 2002;296: 1648-1649.

EXAMINER
Date Considered

1/21/03

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT 	Atty. Docket No.: 265.00230101	Serial No.: 09/641,801
	Applicant(s): Stanton et al.	Confirmation No.: 5388
	Application Filing Date: August 17, 2000	Group: 1647
	Information Disclosure Statement mailed: November <u>3</u> , 2003	

U.S. PATENT DOCUMENTS


Examiner Initial	Copies Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
CSN	X	US 2003/0091606 A1	05/15/03	Stanton et al.			

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							Yes	No
CSN	X	WO 02/13849 ✓	02/21/02	PCT				
CSN	X	WO 02/13850 ✓	02/21/02	PCT				
CSN	X	WO 02/13851 ✓	02/21/02	PCT				


OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copies Enclosed	Document Description
CSN	X	Altin et al., "Differential Induction of Primary-response (TIS) Genes in PC12 Pheochromocytoma Cells and the Unresponsive Variant PC12nnr5," <i>Journal of Biological Chemistry</i> , 25 March 1991;266(9): 5401-5406. ✓
	X	Anneren et al., "GTK, a Src-related Tyrosine Kinase, Induces Nerve Growth Factor-independent Neurite Outgrowth in PC 12 Cells through Activation of the Rap1 Pathway," <i>Journal of Biological Chemistry</i> , 15 September 2000;275(37): 29153-29161. ✓
	X	Bagchi et al., "Comparative in vitro and in vivo protein kinase C activation by selected pesticides and transition metal salts," <i>Toxicology Letters</i> , 1997;91: 31-37. ✓
	X	Bikfalvi et al., "Biological Roles of Fibroblast Growth Factor-2," <i>Endocrine Reviews</i> , February 1997;18(1): 26-45. ✓
✓	X	Chen et al., "Lithium Increase Tyrosine Hydroxylase Levels both In Vivo and In Vitro," <i>Journal of Neurochemistry</i> , 1998;70(4): 1768-1771. ✓
CSN	X	Cui et al., "Effect of Nucleoside Analogs on Neurite Regeneration and Mitochondrial DNA Synthesis in PC-12 Cells," <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1997;280(3): 1228-1234. ✓

EXAMINER 	Date Considered 12/5/2003
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INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 265.00230101	Serial No.: 09/641,801
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	Application Filing Date: August 17, 2000	Group: 1647
	Information Disclosure Statement mailed: November <u>3</u> , 2003	

Examiner Initial	Copies	Document Description
CSN	X	Dagø et al., "NS 1231, a novel compound with neurotrophic-like effects <i>in vitro</i> and <i>in vivo</i> ," <i>Journal of Neurochemistry</i> , 2002;81: 17-24. ✓
	X	DeJongh et al., "Estimation of Systemic Toxicity of Acrylamide by Integration of <i>in vitro</i> Toxicity Data with Kinetic Simulations," <i>Toxicology and Applied Pharmacology</i> , 1999;158: 261-268. ✓
	X	Doye et al., "Phosphorylation of Stathmin and Other Proteins Related to Nerve Growth Factor-induced Regulation of PC12 Cells," <i>Journal of Biological Chemistry</i> , 15 July 1990;265(20): 11650-11655. ✓
	X	Feng et al., "NF- κ B/Rel Proteins are Required for Neuronal Differentiation of SH-SY5Y Neuroblastoma Cells," <i>Journal of Biological Chemistry</i> , 22 October 1999;274(43): 30341-30344. ✓
	X	Kandel et al., "Principles of Neural Science," 4 th Ed.; 2002: 67-81, 85-86. ✓
	X	Kim et al., "Insulin-like Growth Factor-I-mediated Neurite Outgrowth <i>in Vitro</i> Requires Mitogen-activated Protein Kinase Activation," <i>Journal of Biological Chemistry</i> , 22 August 1997;272(34): 21268-21273. ✓
	X	Kim et al., "Differential Regulation of Insulin Receptor Substrate-2 and Mitogen-Activated Protein Kinase Tyrosine Phosphorylation by Phosphatidylinositol 3-Kinase Inhibitors in SH-SY5Y Human Neuroblastoma Cells," <i>Endocrinology</i> , 1998;139(12): 4881-4889. ✓
	X	Lachyankar et al., "A Role for Nuclear PTEN in Neuronal Differentiation," <i>Journal of Neuroscience</i> , 15 February 2000;20(4): 1404-1413. ✓
	X	Ley et al., "Adhesion Molecules in Lymphocyte Trafficking and Colitis," <i>Gastroenterology</i> , October 2001;121(4);Editorial:1008-1010. ✓
	X	Noble et al., "Overexpression of Dynamin is Induced by Chronic Stimulation of μ - but Not δ -Opioid Receptors: Relationships with μ -Related Morphine Dependence," <i>Molecular Pharmacology</i> , 2000;58: 159-166. ✓
	X	Ponthan et al., "The Synthetic Retinoid RO 13-6307 induces Neuroblastoma Differentiation <i>in vitro</i> and inhibits Neuroblastoma Tumour growth <i>in vivo</i> ," <i>Int. J. Cancer</i> , 2003;104: 418-424. ✓
CSN	X	Popik et al., "Cognitive effects of Colostral-Val nonapeptide in aged rats," <i>Behavioral Brain Research</i> , 29 January 2001;118(2): 201-208. ✓

EXAMINER 	Date Considered 12/5/2003
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INFORMATION DISCLOSURE STATEMENT NOV 03 2003 RECEIVED BY OFFICE 2112	Atty. Docket No.: 265.00230101	Serial No.: 09/641,801
	Applicant(s): Stanton et al.	Confirmation No.: 5388
	Application Filing Date: August 17, 2000	Group: 1647
	Information Disclosure Statement mailed: November <u>3</u> , 2003	

Examiner Initial	Enclosed	Document Description
CSW	X	Puglianiello et al., "IGF-I stimulates chemotaxis of human neuroblasts. Involvement of type 1 IGF receptor, IGF binding proteins, phosphatidylinositol-3 kinase pathway and plasmin system," <i>Journal of Endocrinology</i> , 2000;165: 123-131.
↓	X	Salmi et al., "Immune Cell Trafficking in Uterus and Early Life is Dominated by the Mucosal Addressin MadCAM-1 in Humans," <i>Gastroenterology</i> , October 2001;121(4): 853-864. ✓
↓	X	Xiang-Ming et al., "Gating kinetics of potassium channel and effects of nerve growth factors in PC12 cells analyzed with fractal model," <i>Acta Pharmacol Sin</i> , February 2001;22(2): 103-110. ✓
CSW	X	Zhen et al., "Lithium regulates protein tyrosine phosphatase activity in vitro and in vivo," <i>Psychopharmacology</i> , 2002;162: 379-384. ✓

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